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NOTICE OF ALLOWANCE AND FEE(S) DUE

919 7590 02/07/2011

PITNEY BOWES INC.
INTELLECTUAL PROPERTY & TECH. LAW DEPT.
35 WATERVIEW DRIVE
MSC 26-22
SHELTON, CT 06484

EXAMINER

SHAAWAT, MUSSA A

ART UNIT

PAPER NUMBER

3627

DATE MAILED: 02/07/2011

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/475,950

12/31/1999

FRANK S. SAAVEDRA-LIM

E-833

7103

TITLE OF INVENTION: METHOD AND SYSTEM OF UPGRADING THIRD PARTY FUNCTIONALITY IN AN ELECTRONIC FRAUD MANAGEMENT SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	05/09/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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919 7590 02/07/2011

**PITNEY BOWES INC.
INTELLECTUAL PROPERTY & TECH. LAW DEPT.
35 WATERVIEW DRIVE
MSC 26-22
SHELTON, CT 06484**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/475,950 12/31/1999 FRANK S. SAAVEDRA-LIM E-833 7103

TITLE OF INVENTION: METHOD AND SYSTEM OF UPGRADING THIRD PARTY FUNCTIONALITY IN AN ELECTRONIC FRAUD MANAGEMENT SYSTEM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1510 \$0 \$0 \$1510 05/09/2011

EXAMINER	ART UNIT	CLASS-SUBCLASS
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SHAAWAT, MUSSA A 3627 705-038000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/475,950	12/31/1999	FRANK S. SAAVEDRA-LIM	E-833	7103
919	7590	02/07/2011	EXAMINER	
PITNEY BOWES INC. INTELLECTUAL PROPERTY & TECH. LAW DEPT. 35 WATERVIEW DRIVE MSC 26-22 SHELTON, CT 06484			SHAAWAT, MUSSA A	
			ART UNIT	PAPER NUMBER
			3627	
			DATE MAILED: 02/07/2011	

Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 7, 1995 but prior to May 29, 2000)

The Patent Term Extension is 646 day(s). Any patent to issue from the above-identified application will include an indication of the 646 day extension on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability	Application No.	Applicant(s)	
	09/475,950	SAAVEDRA-LIM, FRANK S.	
	Examiner	Art Unit	
	MUSSA SHAAWAT	3627	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Board Decision dated 12/21/2010.
2. ☒ The allowed claim(s) is/are 1-6, 9-10 and 12-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date ____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input checked="" type="checkbox"/> Other <u>Drawings submitted are approved 7/31/03.</u> |

DETAILED ACTION

1. This action is in response to BPAI decision dated on 12/21/2010. Claims 7-8 and 11 have been cancelled. Claims 1-6, 9-10 and 12-15 are pending examination.

Drawings

2. Drawings submitted on 7/31/2003 have been accepted.

Examiner's Amendment

3. An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such amendment, it must be submitted no later than the payment of the issue fee.

4. Authorization for this Examiner's amendment was given in a telephone interview with Brian Collins (Reg. No. 33,486) on 01/20/2011.

5. The application has been amended as follows:

1. (Currently Amended) A method of managing and assessing a set of risks relative to a financial product, said method being accessed through a data processing system, wherein said data processing system comprises a series of nodes operatively connected with each other, said method comprising the steps of:

(a) performing an application processing procedure on one or more customers, comprising a check of the creditworthiness of one or more selected customers; and issuing a financial product to one or more of said customers if said selected customer is determined to be creditworthy, thus resulting in an accepted customer, and declining

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said application if said customer is determined to be not creditworthy;

(b) assessing a credit authorization request from a system user, wherein said request is initiated by a use of said financial product;

(c) utilizing a predictive modeling routine to perform said assessment;

(d) accepting or declining said credit authorization request as based upon an outcome of said assessment;

(e) downloading, by a computer, an assessment result to said data processing system for transfer to a database accessible by one or more remote nodes of said system;

(f) applying, by a computer, a fraud indicator to ~~each~~ said assessment and wherein said fraud indicator is selected from a list of fraud indicator and wherein each of said fraud indicator on the list is representative of a defined area of risk; and

(g) determining, by a computer, fraud loss ratios to benchmark risk management effectiveness.

2. The method of claim 1, wherein said financial product is a credit card.

3. The method of claim 1, wherein said accepted customer is a business entity.

4. The method of claim 1, wherein said accepted customer is an individual and wherein an account is representative of a business affiliation and said set of risks is a function of an individual's profile.

5. The method of claim 1, wherein said accepted customer is an individual and wherein an account is representative of a business affiliation and said set of risks is a function of a business' profile.
6. The method of claim 1, wherein said accepted customer is an individual, and wherein an account is representative of an individual's and a business' affiliation, and said set of risks is a function of an individual's profile and a business' profile.
9. The method of claim 1, wherein a set of data relative to said credit authorization request is retained in a memory of said data processing system and utilized to determine the effectiveness of an assessment methodology.
10. The method of claim 1, wherein a filtering step comprises a credit score filter for eliminating a portion of a population that does not pass through said filter.
12. The method claimed in claim 1, further including the steps of:
measuring fraud losses as a function of a portfolio maturity.
13. The method claimed in claim 1, further including the step of:
measuring fraud losses as a function of volume of total sales.

14. The method claimed in claim 1, further including the step of:
determining a contribution of fraud losses in total charge offs.
15. The method claimed in Claim 1, wherein the fraud indicator is selected from the group consisting of a change in social security number, a change in personal identification number, a change of address, a change of phone number, account closures, questionable purchases, and questionable chargebacks.

Reasons for Allowance

6. Claims 1-6, 9-10 and 12-15 are allowed.

The following is a statement of reasons for the indication of allowable subject matter.

The closest prior art of a record is Basch et al., US Patent No. (6,119,103) referred to hereinafter as Basch.

Basch discloses a computer-implemented method and apparatus that relates to improved methods and apparatus for a transaction-based risk prediction system that advantageously assess the financial risk level associated with an account and/or an account holder based on the account holder's transaction pattern and/or transactions pertaining to that account holder across multiple accounts and/or account issuers (see at least col. 1 lines 11-0).

The prior art of record teaches the invention as claimed in claim 1, except for "determining fraud loss ratios to benchmark risk management effectiveness". The

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limitation mentioned above along with the step of “applying a fraud indicator to said assessment and wherein said fraud indicator is selected from a list of fraud indicator and wherein each of said fraud indicator on the list is representative of a defined area of risk” and the other claimed limitations of independent claim 1 are novel and unobvious and are deemed allowable over the prior art of record. Furthermore see board decision (page 5) mailed out on 12/21/2010. Claims 2-6, 9-10 and 12-15 are allowable by dependency.

A search for non-patent literature (NPL) was conducted, however, no relevant NPL prior art was found.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee, and to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled Comments on Statement of Reasons for allowance.

Contact Information

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mussa A. Shaawat whose telephone number is 571-272-2945. The examiner can normally be reached on Mon-Fri (8am-5:30pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Florian Zeender can be reached on 571-272-6790. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mussa A Shaawat/
Examiner, Art Unit 3627
January 16, 2011